BRUHATH BENGALURU MAHANAGARA PALIKE

Kodigehalli Sub Div,Yelahanka Zone

DETAILED ESTIMATE

Name Of Work:- Construction, of Drains in Military Dairy Farm in Sanjeevininagar Ward No.7, Byatarayanapura

Est Cost Rs: 1000000.00

I.No.	Description	Unit	Nos	L (m)	B (m)	D (m)	QTY	Rate (Rs.)	Amount (Rs.)
1	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of **light jungle**, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials within a lead of 100 metres from road boundary, labour charges complete as per specifications								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 132, Item No. 18.11)								
		Sqm.	1	200.00	3.00		600.00		
	Rate=5.45*1.08						600.00	5.89	3534.00
2	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of **thorney jungle**, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials within a lead of 100 metres from road boundary, labour charges complete as per specifications								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 132, Item No. 18.12)								
		Sqm.	1	500.00	3.00		1500.00		
	Rate=8.20*1.08						1500.00	8.86	13290.00
3	KSRRB M300-11.Excavation for road way in all type soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. MORTH Specification No. 301(for 1.00 Km Lead)								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 142, Item No. 19.11)								
	sw drain	Cum.	1	600.00	1.00	1.00	600.00		
	earthen heaps along drain line	Cum.	1	60.00	2.00	2.00	240.00		
		Cum.	1	50.00	2.50	1.50	187.50		
		Cum.	1	45.00	2.00	1.50	135.00		
	Rate=68.00x1.08						1162.50	73.44	85374.00
4	KSRB 2.2.6 : Excavation 1.5m and above in width in hard rock by chiselling and / or wedging, where blasting is prohibited for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications. Specification. No. KBS								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 05, Item No. 2.8)								

I.No.	Description	Unit	Nos	L (m)	B (m)	D (m)	QTY	Rate (Rs.)	Amount (Rs.)
		Cum.	1	110.00	1.20	1.00	132.00		
	Rate=1192x1.08						132.00	1287.36	169931.52
5	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications, (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller)								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No.147, Item No. 19.60)								
					AVG	AVG			
	at SWD	Cum.	1	65.00	5.00	1.50	487.50		
	Rate=288*1.08						487.50	311.04	151632.00
6	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 - do- 600 mm dia								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 246, Item No. 34.6.3)								
		Rmt.	5	6.00			30.00		
	Rate=3721x1.08		1	75.00			75.00		
							105.00	4018.68	421961.40
7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 10.00Cm Thick								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 25, Item No. 5.31.2)								
	at pipe culverts to avoid scoring	Sqm.	12	2.00	1.00		24.00		
	Rate=736*1.08						24.00	794.88	19077.12
8	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 133, Item No. 17.1)								
	Qnty of Item 3 & 4	Cum.					1294.50		
	Rate=68x1.08						1294.50	73.44	95068.08
9	KSRRB M100-4.3. Haulage of materials by tipper excluding cost of loading, unloading and stacking complete as per specifications.MORTH Chapter 1 Case-III : Katcha Track and Track in River Bed/Nallah Bed and Choe Bed for a distance of 1.00 Km								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 133, Item No. 17.6)								
	Qnty of Item 3& 4	Cum.					1294.50		
	Rate=4.85x1.08						1294.50	5.24	6783.18

I.No.	Description	Unit	Nos	L (m)	B (m)	D (m)	QTY	Rate (Rs.)	Amount (Rs.)
10	Providing and constructing pitching / revetment of 30cm thick on slopes using granite/basalt/trap/stones of surface area not less than 0.04 sqm and wedged with spalls inclusing cost of all materials, labour etc., complete as per specification								
	(PW,P&IWTD BANGALORE CIRCLE SR 2015-16 Page No. 247, Item No. 34.14)								
		Cum.							
			2	52.00		0.75	78.00		
	Rate=375*1.08						78.00	405.00	31590.00
								Total	998241.00
11	Mislaneous and rounding off								1759.00
								Total	**1000000.00**

1. Certified that the Work spot has been Inspected and found necessary.
2. The estimate is prepared based on PWD SR 2015-16. Bangalore Circle.
3. Certified that the work spot comes under BBMP Limits.

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P
Bangalore - 560 092
14/12/15

A.E/J.E
ward No.7 .
Kodigehalli Sub Division
B.B.M.P

Assistant Executive Engineer
Kodigehalli Sub Division ,
Byatarayanapura Div
B.B.M.P

Executive Engineer
Byatarayanapura Div
Yelahanka Zone
B.B.M.P

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of A/c. P-1771
Div. Ref. No. 174 Date. 14.12.15
AE
EE(BTP)
14/12

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of A/c. P-1771
Div. Ref. No. 183 Date. 14.12.15
AE
EE(BTP)
14/12